



Voyager

1-2 Loop Addressable
Panels (Apollo Protocol)



Voyager Control Panel

Voyager
Addressable Panel

Overview

The **Voyager** analogue addressable panel range has been designed to work with Apollo Discovery & XP95 protocol devices. They are powerful, user friendly and designed to a high standard in compliance with EN54, Parts 2 & 4. These panels have a considerable processing ability enabling highly definable cause and effect programming either local to the panel or network wide and also between our Discovery panel range. They are ideally suited to installations which require complex sounder and control/shutdown functions and signalling or for use as a master panel monitoring smaller panels on a larger site. The panel is programmed to operate to specific site requirements by means of a cause and effect matrix which can be programmed at a basic level at the panel or with our **Fusion** software editor *

Technical Features

- ◆ Expandable to 2 loops, 500mA current per loop. Loop card 1 is integral to main PCB
- ◆ Wide range of loop devices (detection, interfaces, sounders, beacons etc.)
- ◆ Extensive detector mode change options via day/night settings or cause and effect
- ◆ User friendly unambiguous controls, menus and display
- ◆ 4 x 20 character LCD display - 40 character user device text available
- ◆ 32 zone LEDs for fire and fault indication as well as detailed on LCD
- ◆ Networkable up to 15 panels (networkable with Discovery panels, network repeaters and alarm manager)
- ◆ Up to 14 Local repeaters per panel, either 24VDC or mains powered versions
- ◆ New **Fusion** PC software cause and effect editor*
- ◆ Powerful cause and effect programming - locally and over network
- ◆ Space for up to 12Ah 12V SLA battery set
- ◆ Sturdy, metal, lockable enclosure with controls access key switch
- ◆ Input/Output expandability via use of 8 way alarm and relay boards

* We normally insist that training is received from us before issue of programming software. Please contact your usual supplier about obtaining training and software.

Document Voyager_Data_0909_Rev_02



www.contrlequipment.com

Control Equipment Ltd.

Hillcrest Business Park
Cinderbank
Dudley, West Midlands
DY2 9AP
Tel. +44 (0)1384 458651
Fax +44 (0)1384 458972
celsales@tycoint.com

Specifications

FUNCTION	Voyager 1 loop	Voyager 2 loop	Comments
Mains Supply Voltage	230V ac	230V ac	+10% / -15% Range
Battery Fuse	3.15A	3.15A	20mm Glass fuse
Operating Temperature Range	-5° to 40° C	-5° to 40° C	
Operating Humidity Range	5% to 95%	5% to 95%	
Max. Batt. Charger Output	> 2.3A	> 2.3A	Quiescent
Max. PSU Output	2.5A 18-29V	2.5A 18-29V	Considering lowest o/p running on batteries
Conventional Sounder Circuits	2 x 24V nominal	2 x 24V nominal	1A 20mm Fuses
Aux DC Output Max. (Fused)	24V 500mA	24V 500mA	Nominal
Remote Inputs	Yes	Yes	Silence, Evac, Reset, C. Change
Input / Output Expansion	Yes	Yes	8 Way alarm/relay boards
Mains Fail Batt. Current (no load)	145mA	170mA	
Battery Type (Set required for 24V)	2x 7Ah - 12Ah SLA	2x 7Ah - 12Ah SLA	Max. 12Ah set fits in panel
Mains Fail Alarm Batt. Current (1 zone in alarm)	260mA	285mA	
Printer Option	Yes	Yes	Printer uses battery space
Network Option	Yes	Yes	Up to 15 Nodes
Repeater Panel Option	Yes	Yes	Up to 14 Repeaters
Panel Dimensions (mm W x H x D)	325 x 370 x 135	325 x 370 x 135	Depth is full including locks & mounting points
Native Panel Weight (no batteries or printer)	6.1 Kg	6.1 Kg	
Panel Colour	Light Grey RAL 7035	Light Grey RAL 7035	Textured paint finish

Controls & Panel Connections

User Controls

- Controls Access Keyswitch
- Silence/Resound Alarms
- Reset
- Evacuate
- Silence Buzzer
- Test Alarms
- Test Display
- Scroll Messages
- Override Delay
- Access Menu
- Menu Up/Down
- Enter, Escape

Panel Indications

- Power Supply ON
- Fire
- Alert
- System Fault
- General Fault
- Alarm Fault/Disablement
- Delay On
- Maintenance
- General Disablement
- Buzzer Silenced
- Test
- More Messages
- Zone Fire & Fault/Isolation

Panel Terminals

- Loops 1 & 2 Out - positive & negative
- Loops 1 & 2 In - positive & negative
- Alarms 1 & 2 - positive & negative
- Aux Fire relays 1 & 2 - n/o, n/c & pole
- Aux Fault relay - n/o, n/c & pole (failsafe)

Aux 28VDC & 0V
 Remote Inputs: Evacuate
 Silence
 Reset
 Class Change

Network Terminals A (-),B (+) & SCN (Screen)

Repeater Terminals A (-),B (+) & SCN (Screen)

IO Board Terminals A (-),B (+) & SCN (Screen)

Other Inputs & Controls

- Cherry G80 (Serial Keyboard) DIN Socket
- 9 Pin male D type RS232 computer port
- SSD memory write protect switch
- Panel buzzer disable link
- Earth fault monitoring disable link
- Processor Reset button (soft reset)
- System Fault clear button
- Power connection from PSU
- Connection sockets for 2nd loop card, network module & IO / repeater driver module

Part Numbers

2500955	Voyager 1 Loop Panel	2500847	Repeater panel 24VDC (no PSU)
2500956	Voyager 2 Loop Panel	2500848	Repeater panel 230Vac
2500107	Panel Printer (Takes up battery space)	2603052	F/F Voyager bezel + door - Painted
2500163	A1620 Network I/Face	2500157	A1535 8 way relay I/O board
2500162	A1619 Repeater & I/O board I/Face	2500158	A1546 8 way alarm I/O board
2500168	PS2 Keyboard Adaptor	2500903	A1636 Voyager loop card
2603052	F/F Voyager bezel + door - Painted	2500905	A1638 Voyager motherboard (spare)
2603053	F/F Voyager bezel + door - S/Steel	2500907	A1637 Voyager display (spare)
2603054	F/F Voyager bezel + door - Brass	2500637	C1675 Voyager PSU (spare)
2603011	Semi Flushing Bezel		

Specifications may be altered at any time